

What is claimed:

1. A growing tray, comprising:
  - a porous self-supporting holding material having at least two predetermined uniform size growing subunits, the porous holding material further having an upper side, a lower side, an outer peripheral surface, and an interior;
  - means for supporting and reinforcing the at least two predetermined uniform size growing subunits; and
  - an irrigant impermeable coating layer substantially covering and integrated into the outer peripheral surface of the porous holding material, wherein the at least two predetermined uniform size growing subunits are adapted for growing a separate botanical item or propagule disposed therein.
2. The growing tray of claim 1, wherein the supporting and reinforcing means is disposed within the at least two predetermined uniform size growing subunits.
3. The growing tray of claim 1, wherein the supporting and reinforcing means is disposed at an interface located between the outer peripheral surface and the irrigant impermeable coating layer.
4. The growing tray of claim 1, wherein the supporting and reinforcing means is disposed upon the outer peripheral surface and integral to the irrigant impermeable coating layer.

5. The growing tray of claim 1, further comprising means for passing an irrigant into the at least two predetermined uniform size growing subunits.
6. The growing tray of claim 5, wherein the irrigant passing means further includes a tube inserted into the at least two predetermined uniform size growing subunits.
7. The growing tray of claim 5, wherein the irrigant passing means further includes a channel within the at least two predetermined uniform size growing subunits.
8. The growing tray of claim 1, wherein the at least two predetermined uniform size growing subunits include a cavity extending from the upper side a predetermined distance into the interior of the porous holding material.
9. The growing tray of claim 8, wherein the cavity is adapted for receiving a separate predetermined uniform size growing subunit having a botanical item or propagule disposed therein.
10. The growing tray of claim 8, further including means for fertilizing disposed within the cavity.
11. The growing tray of claim 1, wherein the irrigant impermeable coating layer further includes a glazed layer.